ECS Configuration Change Request

1. Originator Byron V. Peters	2. Log Date: **04/01/03**	3. CCR #: 03-0229	4. Rev:	5. Tel: 301/883-4077	6. Rm #: 2013	7. Dept. SE

8. CCR Title: Install SGI Patch Test Executable to Support BDS over Gigabit Ethernet

9. Originator Signature/Date **Byron Peters /s/ 4/1/03**	10. Class **II**	11. Type: **CCR**	12. Need Date: 03/04/03

13. Office Manager Signature/Date Carolyn Whitaker /s/ 4/1/03	14. Category of Change: Initial ECS Baseline Doc.	15. Priority: (If "Emergency" fill in Block 27). Emergency

16. Documentation/Drawings Impacted *(Review and submit checklist):* Will be included in next appropriate patch release	17. Schedule Impact:	18. CI(s) Affected:STMGT

19. Release Affected by this Change: 6A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other: ECSed37050

23. Problem: (use additional Sheets if necessary)
BDS has a problem with flow control when using Gigabit Ethernet. The driver sends the wrong error to the application which is ignored resulting in potentially bad data.

24. Proposed Solution: (use additional sheets if necessary)
SGI has released patch 5032 to fix this issue. Refer to page 2 for machines impacted.
Tar file is on lemmings. cksum data: 2097849466   215040 patch5032.final.tar

25. Alternate Solution: (use additional sheets if necessary)
N/A

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Continued performance deficit at GES DAAC.

27. Justification for Emergency (If Block 15 is "Emergency"):
Needed at GES DAAC as soon as possible

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): **Gary Gavigan /s/ 4/1/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #:   03-0229   **Rev:**   **Originator:** Byron V. Peters

Telephone: 301/883-4077   **Office:** SE

Title of Change: Install SGI Patch Test Executable to Support BDS over Gigabit Ethernet

Machines Impacted:
GSFC: g0spg01,g0spg07, g0spg10, g0spg11,g0acg01,g0dig06, g0drg01, g0drg02, g0drg04, g0drg05, g0icg01, g0icg02, g0mog01 (when ready)
LP DAAC: e0spg01, e0spg05, e0acg11, e0dig06, e0drg11, e0drg12, e0icg11
NSIDC: n0acg01, n0dig06, n0drg01
LaRC: l0spg01, l0spg05, l0spg06, l0spg10, l0acg02, l0dig06, l0drg01
PVC: p0spg01, p0spg07, p0dig06, p0acg05, p0drg01, p0drg04, p0icg01, p0teg01
VATC: t1spg03, t1acg04, t1dpg06, t1drg03